

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: INVUE

Report Number: P672573

Luminaire Tested: **CCP-SA-2D-760-U-5MQ**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P672573
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2D-760-U-5MQ
Description: INVUE CLEAR CURVE POLE MOUNT LIGHT SQUARE LUMINAIRE @800mA w/ 5MQ distribution lens
Light Source: (32) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

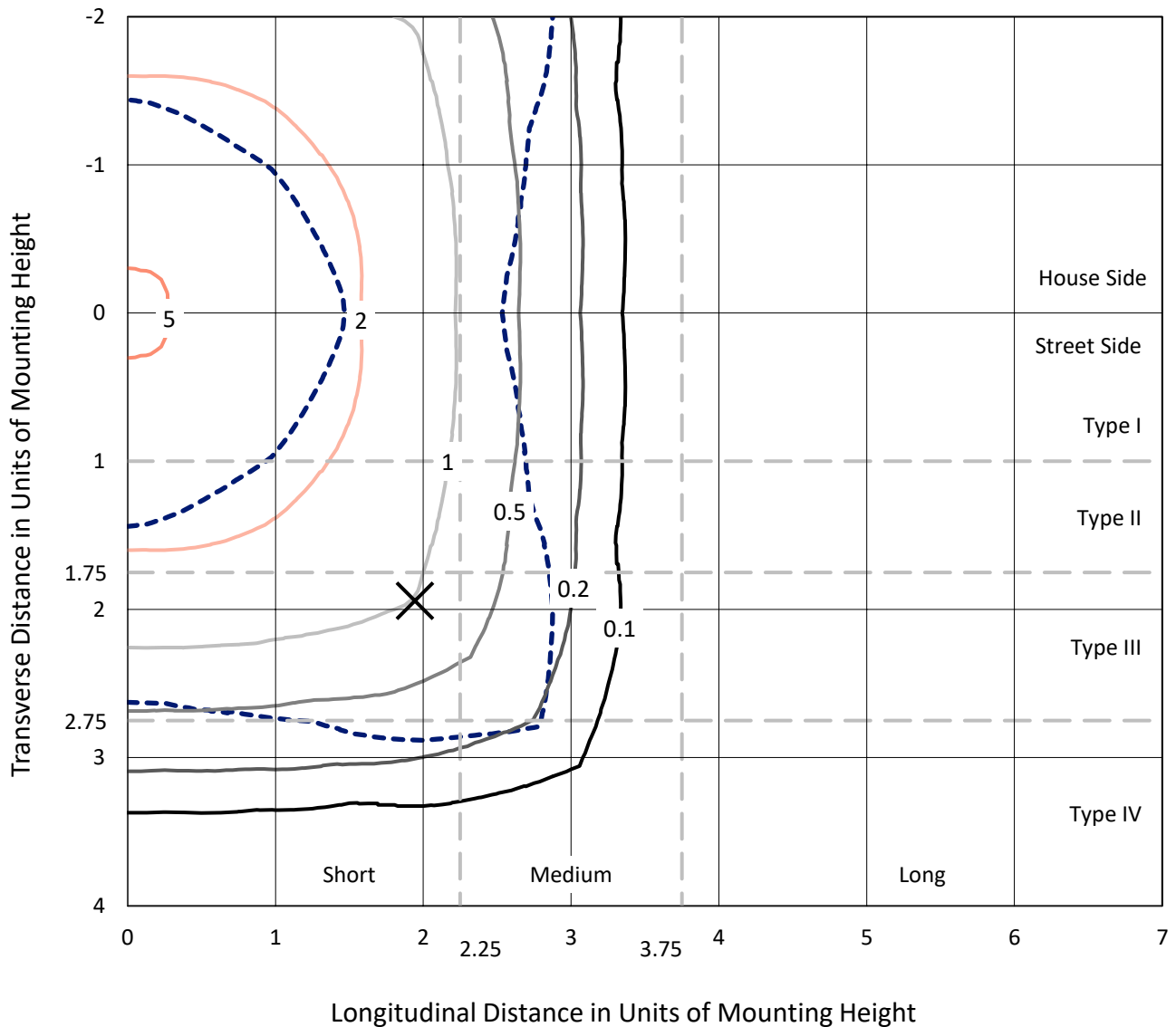
Lumens per Lamp: N/A
Luminaire Lumens: 11776 lumens
Efficiency: N/A
Efficacy: 145.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type V - Short
BUG Rating: B4 - U0 - G2

Input Watts (W): 80.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

REPORT NUMBER: P672573
 CATALOG NUMBER: CCP-SA-2D-760-U-5MQ

Iso-Footcandle Lines of Horizontal Illumination

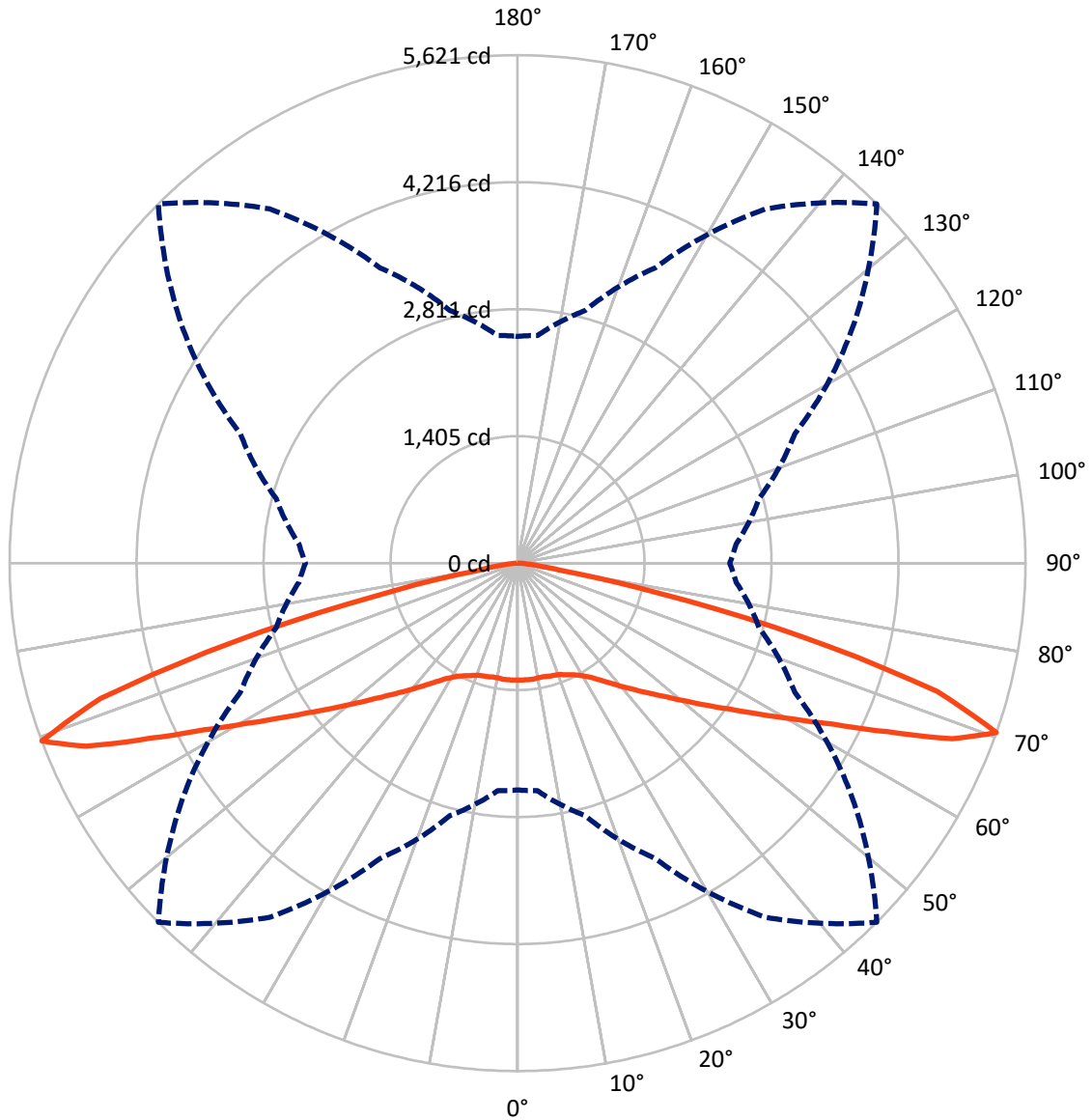
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 5.8 fc
 Type V - Short - N/A

REPORT NUMBER: P672573
CATALOG NUMBER: CCP-SA-2D-760-U-5MQ

Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

REPORT NUMBER: P672573

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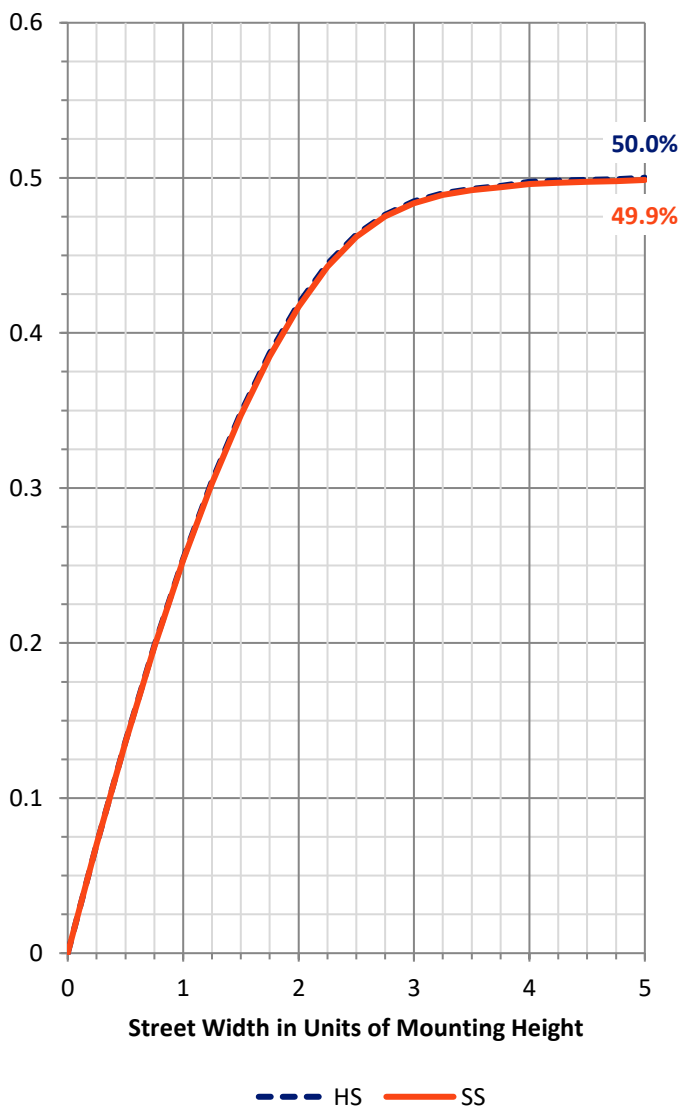
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5888.0	0.0	5888.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5888.0	0.0	5888.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	11776.0	0.0	11776.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	123.2	1.0
10°-20°	364.6	3.1
20°-30°	622.6	5.3
30°-40°	993.5	8.4
40°-50°	1603.2	13.6
50°-60°	2567.2	21.8
60°-70°	3758.3	31.9
70°-80°	1652.9	14.0
80°-90°	90.6	0.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	11776.0	100.0
0°-180°	11776.0	100.0



REPORT NUMBER: P672573

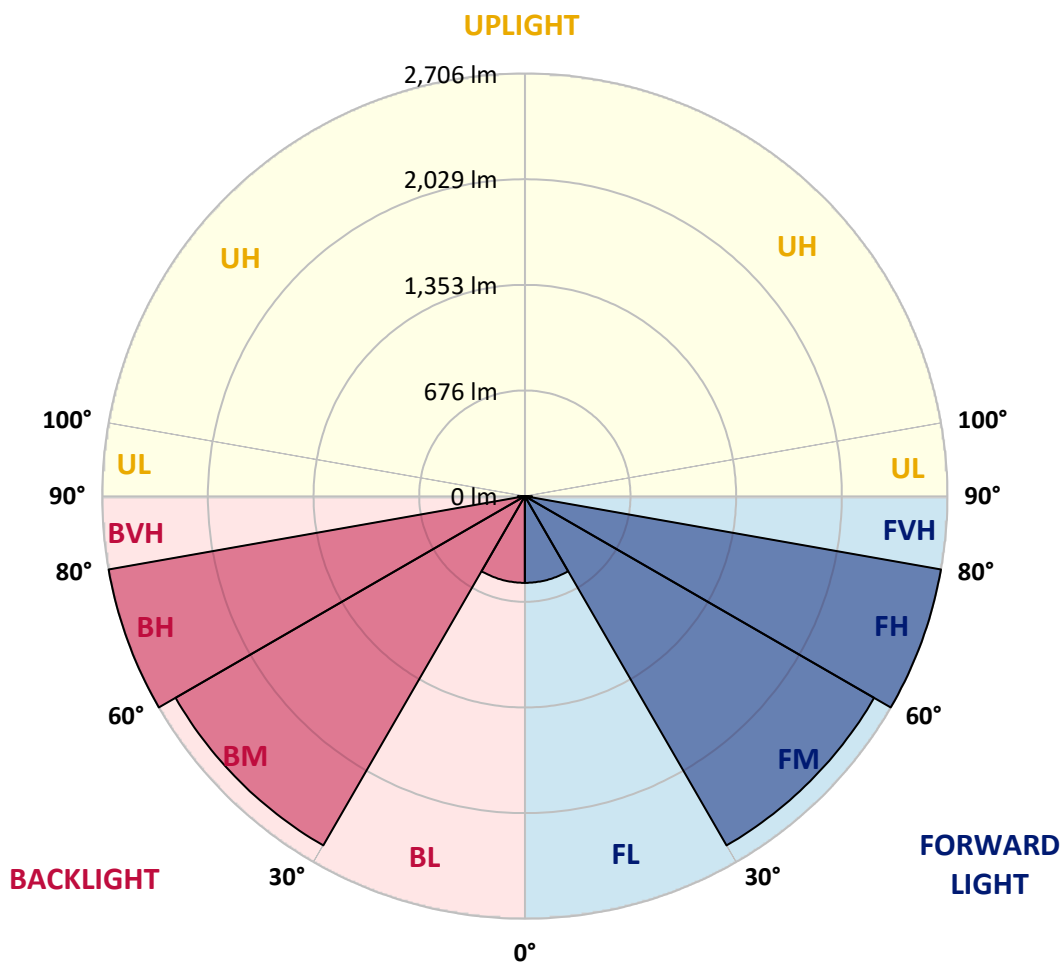
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	555.2	4.7			
FM (30°-60°)	2582.0	21.9			
FH (60°-80°)	2705.6	23.0			G2/5000
FVH (80°-90°)	45.3	0.4			G1/100
BL (0°-30°)	555.2	4.7	B2/1000		
BM (30°-60°)	2582.0	21.9	B3/5000		
BH (60°-80°)	2705.6	23.0	B4/5000		G2/5000
BVH (80°-90°)	45.3	0.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B4-U0-G2

Type V Short





REPORT NUMBER: P672573

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1295.0	1295.0	1295.0	1295.0	1295.0	1295.0	1295.0	1295.0	1295.0	1295.0	1295.0
2.5°	1293.3	1292.5	1294.1	1295.0	1293.3	1294.1	1289.1	1289.1	1291.6	1289.1	1292.5
5°	1299.1	1297.5	1299.1	1299.1	1295.0	1295.0	1289.1	1287.5	1289.1	1285.0	1288.3
7.5°	1300.0	1296.6	1299.1	1298.3	1295.0	1295.0	1286.6	1283.3	1284.1	1280.0	1282.5
10°	1291.6	1290.0	1293.3	1291.6	1289.1	1289.1	1282.5	1277.5	1277.5	1273.3	1275.8
12.5°	1286.6	1285.0	1289.1	1290.0	1288.3	1289.1	1280.8	1274.1	1271.6	1266.6	1268.3
15°	1286.6	1283.3	1290.0	1291.6	1293.3	1299.1	1286.6	1275.0	1269.9	1263.3	1264.9
17.5°	1285.8	1284.1	1291.6	1297.5	1299.1	1305.8	1291.6	1279.1	1273.3	1263.3	1264.9
20°	1285.8	1285.0	1294.1	1305.0	1310.0	1315.8	1300.8	1289.1	1279.1	1268.3	1268.3
22.5°	1290.0	1289.1	1301.7	1317.5	1331.7	1341.7	1324.2	1305.0	1291.6	1277.5	1275.8
25°	1307.5	1305.8	1320.8	1340.0	1359.2	1369.2	1351.7	1332.5	1313.3	1297.5	1295.8
27.5°	1343.4	1342.5	1357.6	1380.9	1394.3	1401.8	1386.8	1370.1	1350.9	1332.5	1331.7
30°	1391.8	1391.8	1411.0	1435.2	1442.7	1448.5	1433.5	1421.8	1401.8	1381.8	1380.1
32.5°	1450.2	1453.5	1476.0	1502.7	1507.7	1511.1	1495.2	1487.7	1466.0	1444.3	1441.0
35°	1526.9	1527.8	1555.3	1582.0	1588.7	1592.0	1573.7	1567.0	1547.0	1523.6	1518.6
37.5°	1624.6	1622.1	1647.9	1678.0	1684.6	1688.8	1673.8	1668.8	1643.8	1620.4	1612.9
40°	1733.9	1735.5	1764.7	1793.1	1797.3	1798.9	1791.4	1783.9	1760.6	1733.9	1724.7
42.5°	1860.7	1860.7	1894.9	1928.3	1928.3	1919.9	1916.6	1914.9	1892.4	1862.4	1852.4
45°	2005.9	2007.5	2050.1	2075.1	2076.8	2054.3	2057.6	2067.6	2045.9	2007.5	1994.2
47.5°	2165.2	2167.8	2217.8	2245.3	2240.3	2211.1	2229.5	2234.5	2209.5	2160.2	2142.7
50°	2333.0	2340.5	2396.4	2444.8	2438.1	2395.5	2419.7	2421.4	2380.5	2323.8	2299.6
52.5°	2514.0	2531.5	2605.8	2657.5	2664.2	2610.8	2631.7	2630.0	2577.4	2499.8	2484.0
55°	2738.5	2748.5	2821.9	2895.3	2920.4	2854.5	2877.8	2866.1	2795.2	2706.8	2680.1
57.5°	2962.9	2977.9	3072.2	3154.8	3204.9	3149.0	3154.0	3124.0	3034.7	2927.9	2914.5
60°	3229.1	3235.8	3340.1	3447.7	3534.5	3501.1	3477.7	3415.2	3310.0	3203.2	3184.0
62.5°	3446.9	3460.2	3615.4	3774.0	3920.8	3926.7	3855.7	3762.3	3594.6	3416.0	3377.6
65°	3507.0	3528.6	3746.4	4059.3	4364.7	4500.7	4306.3	4020.9	3646.3	3376.8	3319.2
67.5°	3227.4	3269.1	3580.4	4100.2	4777.7	5185.7	4665.1	3898.3	3375.1	3060.6	3005.5
70°	2509.9	2528.2	2893.7	3607.1	4784.4	5621.3	4520.7	3385.1	2766.8	2428.9	2348.0
72.5°	1333.4	1342.5	1672.1	2428.9	3893.3	4856.2	3735.6	2368.8	1628.7	1321.7	1229.1
75°	430.5	442.2	575.7	994.6	2147.7	3263.3	2202.8	985.4	561.5	453.1	428.9
77.5°	219.4	218.6	242.8	320.4	722.6	1599.5	764.3	345.4	242.8	217.8	211.1
80°	136.8	134.3	152.7	175.2	252.8	467.3	274.5	193.6	153.5	131.8	131.0
82.5°	77.6	77.6	102.6	112.6	142.7	192.7	160.2	132.7	105.1	78.4	75.9
85°	43.4	38.4	64.2	70.9	81.8	95.1	97.6	85.9	70.9	43.4	45.1
87.5°	15.9	17.5	30.0	28.4	32.5	22.5	40.1	45.1	40.1	20.9	17.5
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)